

ABSTRACT OF THE DISCLOSURE

A light source device for radiating a stimulated emission  
5 from a semiconductor laser to outside via a multiple  
scattering optical system, which system has a first region  
located adjacent to the semiconductor laser and a second  
region that abuts on the first region and reaches the  
outside. The first region contains scatterers at a higher  
10 density than the second region does. The light source  
device has an amount of near-field pattern speckles  $\sigma_{PAR}$  of  
 $3 \times 10^{-3}$  or more. The second region may have a lens portion  
as a magnifier for at least a principle part of a secondary  
planar light source formed at an interface between the  
15 first and second regions.